



Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	1	Application Number	10/635,805
				Filing Date	August 5, 2003
				First Named Inventor	Rapin, et al.
				Group Art Unit	4614-1654
				Examiner Name	Unassigned MARCELA M LORDERO CARIA
				Attorney Docket Number	10945.105003 Neuro 102

3444728_1.DOC

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		None				

FOREIGN PATENT DOCUMENTS								
Examiner Initials *	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number	Kind Code ⁴ (if known)				
			None					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ⁶
Mmcb	AA	FADEN, A.I., et al., "Effect of TRH analogs on neurologic recovery after experimental spinal trauma," <i>Neurology</i> , 35:1331-1334 (1985).			
	AB	GESCHWIND, M., et al., "Detection of apoptotic or necrotic death in neuronal cells by morphological, biochemical, and molecular analysis," in <i>Apoptosis Techniques and Protocols</i> , J. Poirier, ed., 1997, pp. 13-31.			
	AC	GUILOFF, R.J., "Thyrotropin releasing hormone and motoneurone disease", <i>Reviews in the Neurosciences</i> , 1:201-219 (1987).			
	AD	KURTZ, A.F., "Praktische Diagnostik," in <i>Aktuelles Wissen Hoechst, Alzheimer-Patienten erkennen und behandeln</i> , Hoechst AG, publisher (Munich, Germany, 1995), 68-69. <i>With partial translation.</i>			partial
	AE	RAPIN, J.R., "Les nootropes: propriétés pharmacologiques du piracétam et indications thérapeutiques," <i>La Lettre du Pharmacologue</i> , 6(5):108-111 (1992). <i>With partial translation.</i>			partial
	AF	SARTI, G., et al., "TRH-analogues: A possible treatment for symptoms of dementia in elderly patients?", <i>Archives of Gerontology and Geriatrics</i> , 12:173-177 (1991).			
Mmcb	AG	SZIRTES, T., et al., "Synthesis of thyrotropin-releasing hormone analogues. 1. Complete dissociation of central nervous system effects from thyrotropin-releasing activity," <i>J. Med. Chem.</i> 27:741-745 (1984).			

Examiner Signature	<i>Marcela M Lordero Garcia</i>	Date Considered	09/02/04
--------------------	---------------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number 10/635,805

Filing Date August 5, 2003

First Named Inventor Rapin, et al.

Group Art Unit 1614-1654

Examiner Name Unassigned MARCELA M CURDERUGA-RCIA

Attorney Docket Number NEURO 102

3354586_1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
mmlc	AA	5,212,158	A	VANDAI	05-18-1993	
	AB	5,973,111	A	BEMIS, et al.	10-26-1999	
	AC	6,156,572	A	BELLAMKONDA, et al.	12-05-2000	
mmlc	AD	6,235,929	B1	POWERS	05-22-2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office 2	Number	Kind Code (if known)				
mmlc	AE	✓ EP	0,316,218	A1	INORGAN, S.A.	05-17-1989		
	AF	✓ EP	1,018,341	A	CALPIS Co., Ltd.	07-12-2000		
	AG	✓ EP	1,231,279	A1	CALPIS Co., Ltd.	08-14-2002		
	AH	✓ EP	0,446,706	A2, A3	MERCK PATENT GESELLSCHAFT	09-18-1991		
	AI	✓ JP	04-005240 w/ PAJ abstract	A	TAISHO PHARMACEUT. Co.;	01-09-1992		
	AJ	✓ WO	88/09604	A2	MEDICIS Corp.	12-15-1988		
	AK	✓ WO	92/11850	A2	CORTEX PHARMA; GA. TECH. RES. INST.	07-23-1992		
	AL	✓ WO	96/41638	A1	SANOFI WINTHROP	12-27-1996		
	AM	✓ WO	98/14202	A1	AUCKLAND UNISERVICES, Ltd.	04-09-1998		
	AN	✓ WO	01/28578	A2, A3	WRAIR	04-26-2001		
	AO	✓ WO	01/34828	A1	CALPIS Co. Ltd.	05-17-2001		
	AP	✓ WO	01/68114	A1	MONSANTO Co. (US)	09-20-2001		
	AQ	✓ WO	02/062373	A2, A3	TELL PHARM. AG	08-15-2002		
mmlc	AR	✓ WO	02/062828	A2, A3	TELL PHARM. AG	08-15-2002		

Examiner Signature

Marcela M Curderuga

Date Considered

09/22/2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/635,805
				Filing Date	August 5, 2003
				First Named Inventor	Rapin, et al.
				Group Art Unit	1644 / 1654
				Examiner Name	Unassigned MARCELA M LORDERUGARUA
Sheet	2	of	3	Attorney Docket Number	NEURO 102

3354586_1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
mmc	BA	BEYER, H., and WALTER, W., <i>Handbook of Organic Chemistry</i> , by S. Hirzel Verlag, Stuttgart (English translation of the 22 nd edition of <i>Lehrbuch der Organischen Chemie</i>) (1996), pp. 827-838.	
	BB	BLUNDELL, T.L., et al., "Knowledge-based protein modelling and design", <i>Eur. J. Biochem.</i> , 172:513-520 (1988).	
	BC	CHESSEBEUF, M., et al., "Rat liver epithelial cell cultures in a serum-free medium: primary cultures and derived cell lines expressing differentiated functions", <i>In Vitro</i> , 20(10):780-795 (1984).	
	BD	CLARK, M.C., et al., "Validation of the general purpose Tripos 5.2 force field", <i>J. Comp. Chem.</i> , 10(8):982-1012 (1999).	
	BE	DE POOTER, H., et al., "N-acylamino acids and peptides IV the synthesis of N-cinnamyl-, N-p-coumaryl- and N-caffeyl-glycine and -glycyl-L-phenylalanine", <i>Bull. Soc. Chim. Belg.</i> , 85(9):647-656 (1976). XP008015013.	
	BF	FADEN, A.I., et al., "Novel TRH analog improves motor and cognitive recovery after traumatic brain injury in rodents", <i>Amer. J. Physiology</i> 277(4, pt. 2):R1196-R1204 (1999), <i>Chem. Abstr.</i> 132:31033 XP002207513, XP008014976.	
	BG	FADEN, A.I., et al., "Structure-activity relationships of TRH analogs in rat spinal cord injury", <i>Brain Research</i> , 448:287-293 (1988). XP008015202.	
	BH	GASTEIGER, J., et al., "Iterative partial equalization of orbital electronegativity -- a rapid access to atomic charges", <i>Tetrahedron</i> , 36:3219-3238 (1980).	
	BI	HAGG, T., et al., "Delayed treatment with nerve growth factor reverses the apparent loss of cholinergic neurons after acute brain damage", <i>Exp. Neurol.</i> , 101:303-312 (1988).	
	BJ	JONES, D.T., et al., "A new approach to protein fold recognition", <i>Nature</i> , 358:86-89 (July 1992).	
	BK	JONES, D.T., "Protein secondary structure prediction based on position-specific scoring matrices", <i>J. Mol. Biol.</i> , 292(2):195-202 (1999).	
	BL	KANSY, M., et al. "Physicochemical High Throughput Screening: Parallel Artificial Membrane Permeation Assay in the Description of Passive Absorption Processes", <i>J. Med. Chem.</i> , 41(7):1007-1010 (March 26, 1998).	
mmc	BM	KHUEBACHOVA, M., et al., "Mapping the C terminal epitope of the Alzheimer's disease specific antibody MN423", <i>J. Immunol. Methods (Elsevier Amsterdam, NL)</i> 262(1-2):205-215 (2002). XP004352190.	

Examiner Signature	Marcela M Lorderugarua	Date Considered	09/22/04
--------------------	------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/635,805		
		Filing Date	August 5, 2003		
		First Named Inventor	Rapin, et al.		
		Group Art Unit	1614 1654		
		Examiner Name	Unassigned- MARCELA MCCORDER GARCIA		
Sheet	3	of	3	Attorney Docket Number	NEURO 102

3354586_1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
Mm16	CA	LASKOWSKI, R.A., et al., "PROCHECK: a program to check the stereochemical quality of protein structures", <i>J. Appl. Cryst.</i> , 26:283-291 (1993).	
	CB	LE PONCIN-LAFITTE, M., et al., "Sound-avoidance conditioning and a mathematical approach to the description of acquisition performance", <i>Math. Biosciences</i> , 59:249-268 (1982).	
	CC	LUCO, J.M., "Prediction of the brain-blood distribution of a large set of drugs from structurally derived descriptors using partial least-squares (PLS) modeling", <i>J. Chem. Inf. Comput. Sci.</i> , 39 (2):396-404 (1999)	
	CD	PARNETTI, L., et al., "Posatirelin for the treatment of late-onset Alzheimer's disease: a double-blind multicentre study vs citicoline and ascorbic acid", <i>Acta Neurol. Scand.</i> 92:135-140 (1995).	
	CE	VARON, S., et al., "Nerve Growth Factor in CNS Repair", <i>J. Neurotrauma</i> , 11(5) (1994)	
	CF	WANG, R., et al., "SCORE: A new empirical method for estimating the binding affinity of a protein-ligand complex", <i>J. Mol. Model.</i> , 4:379-394 (1998).	
	CG	WEINER, S.J., et al., "A new force field for molecular mechanical simulation of nucleic acids and proteins", <i>J. Am. Chem. Soc.</i> , 106:765-784 (1984)	
Mm16	CH	WIESMAN, C., et al., "Crystal structure of nerve growth factor in complex with the ligand-binding domain of the TrkA receptor", <i>Nature</i> , 401:184 (September 9, 1999).	

3354586_1

Examiner Signature	Marcela McCorder Garcia	Date Considered	09/22/04
--------------------	-------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.